

FIG. 1

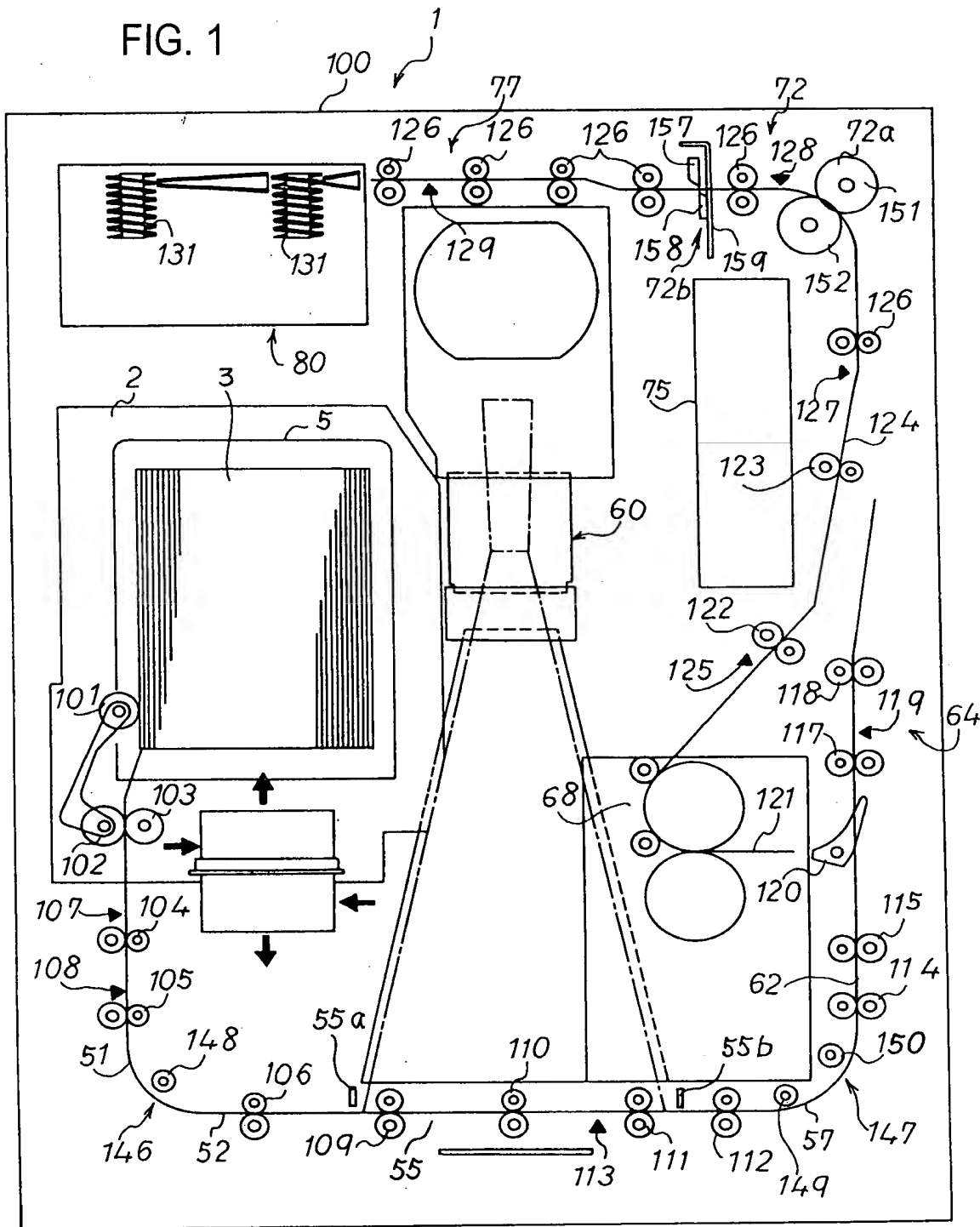


FIG. 2

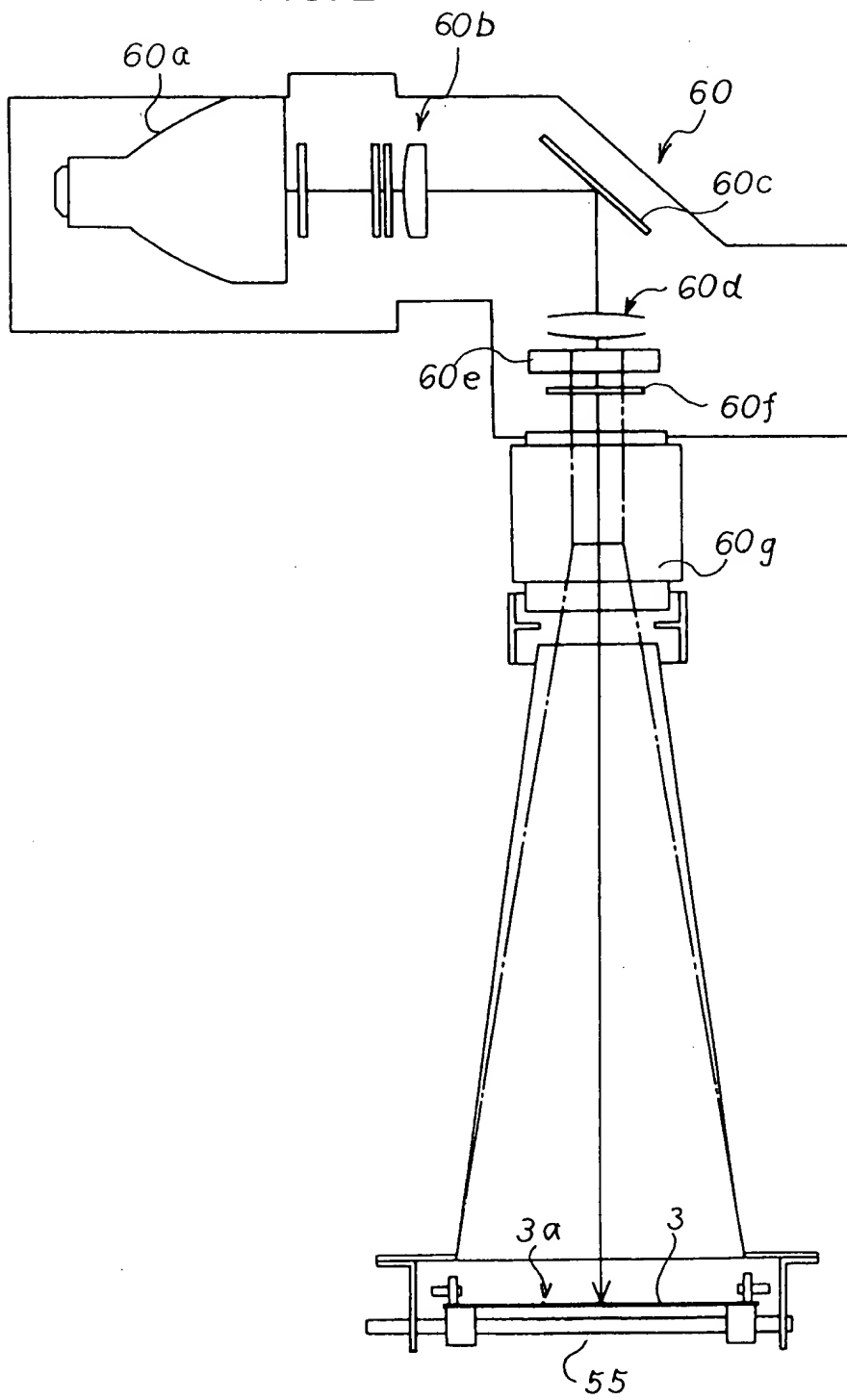


FIG. 2 is a schematic diagram of an optical system. The system includes a light source (60a) that emits light through a lens assembly (60b). The light then reflects off a mirror (60c) and is directed through a projection assembly (60d, 60e, 60f, 60g). The projection assembly (60g) projects the light onto a target (3) via a lens (3a). The target (3) is mounted on a base (55). The diagram shows the light path as a series of lines originating from the source, reflecting off the mirror, and then projecting through the lens assembly onto the target.

FIG. 3

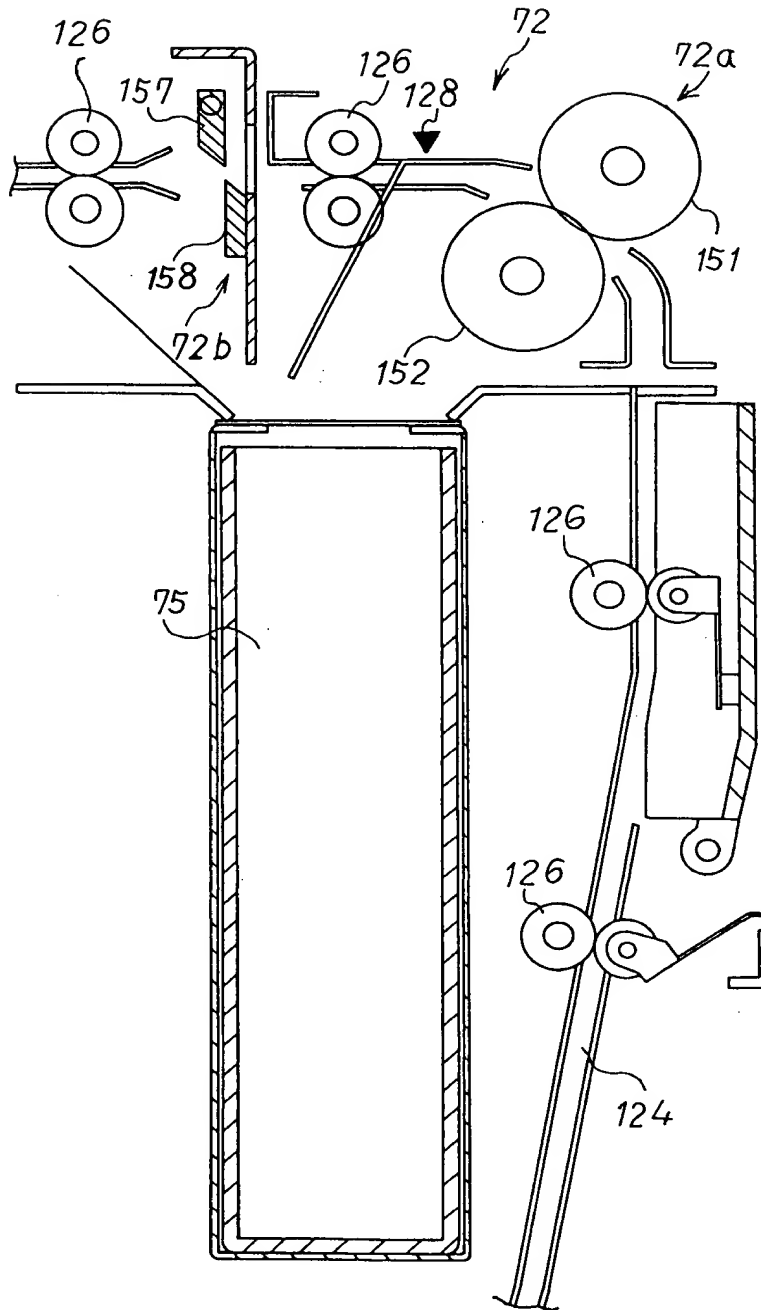


FIG. 3 is a schematic diagram of a mechanical assembly. A central rectangular frame, labeled 75, is shown in cross-section. To the left of the frame, a vertical support structure includes rollers 126 and components 157 and 158. A diagonal member, labeled 72b, connects this support to the frame. To the right of the frame, a vertical support structure includes rollers 126 and a component 151. A diagonal member, labeled 72a, connects this support to the frame. A horizontal member, labeled 72, is positioned above the rollers. A diagonal member, labeled 124, is connected to the frame and the rollers. A component 152 is located between the frame and the rollers. A component 128 is located between the rollers and the horizontal member 72.

FIG. 4

